

DERWENT-ACC-NO: 1984-039696

DERWENT-WEEK: 198407

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TITLE: **Pressure-sensitive adhesive** tape - comprising laminate of **polystyrene** and low density polyethylene

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PRIORITY-DATA: 1982JP-0110577 (June 29, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59001583 A	January 6, 1984	N/A	005	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 59001583A	N/A	1982JP-0110577	June 29, 1982

INT-CL (IPC): C09J007/02

ABSTRACTED-PUB-NO: JP 59001583A

BASIC-ABSTRACT:

Tape made of synthetic laminate **film** whose unwinding force by JIS-Z-1522 is 80-400 g/10mm, comprises laminate **film** consisting of **polystyrene film** and low density polyethylene **film**, of which at least the latter **film** is treated with corona discharge. Either surface of the laminate **film** coated with hot melt adhesive. The other surface is coated with 1 or more (mixed) chrome complex salts as release medium of formula (I) in an amt. of 15-100 mg/m<sup>2</sup> as solids content (where R is 14-18C alkyl).

Tape can be unwound with adequate force and with least static build-up. Pref. **polystyrene film** is a **bi-oriented** type made of **polystyrene** homopolymer opt. with butadiene, acrylonitrile, butadiene-acrylonitrile copolymer, etc. added. The polyethylene **film** is of polyethylene homo- or copolymer e.g. with vinyl acetate. The adhesive comprises e.g. 100 pts. thermo-plastic elastomer (e.g. styrene-isoprene-styrene block copolymer), 40-200 pts.wt. tackifier (e.g. rosin), 10-100 pts.wt. plasticiser, etc.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: **PRESSURE SENSITIVE ADHESIVE** TAPE COMPRISE LAMINATE **POLYSTYRENE** LOW DENSITY POLYETHYLENE

DERWENT-CLASS: A81 E12 G03

CPI-CODES: A04-C02E; A04-G02E1; A08-M03; A12-A01; A12-A05A; E05-L03A; G03-B02B; G03-B04;

CHEMICAL-CODES:

Chemical Indexing M3 \*01\*